ABSTRACT

A seat track assembly for providing selective forward and rearward adjustment of a vehicle seat. The seat track assembly includes an inner track and an outer track. The inner track is adapted to be fixedly secured to a floor and includes a flattened bearing surface extending longitudinally therealong. The outer track is adapted to be fixedly secured to the seat and is slidably coupled to the inner track. The outer track includes an arcuate bearing surface extending longitudinally therealong and opposing the flattened bearing surface. A plurality of cylindrical bearings is positioned between the flattened bearing surface of the inner track and the arcuate bearing surface of the outer track to accommodate torsional loading and movement of the outer track with respect to the inner track while facilitating the selective sliding adjustment of the seat relative to the floor.